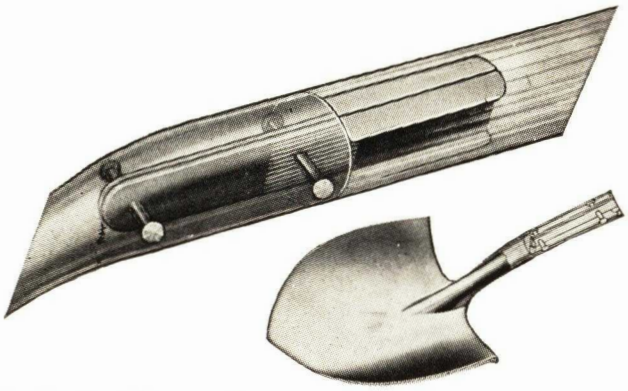
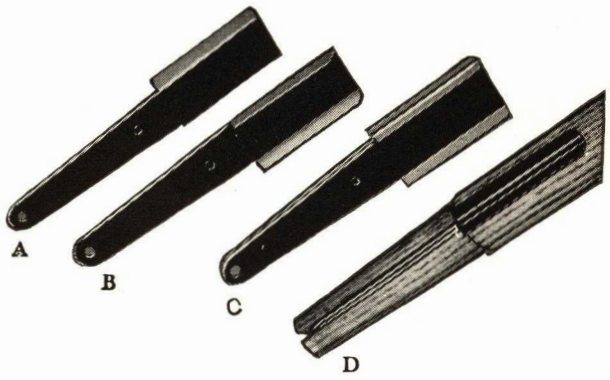
EXCLUSIVE CONSTRUCTION FEATURES

Found only in shovels, spades and scoops made by Wood





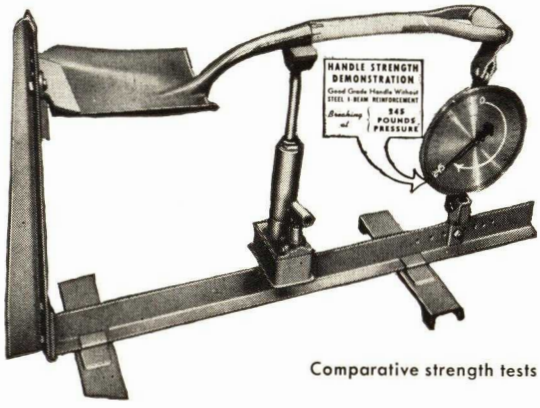
What the I-beam does

By strongly reinforcing the handle section just above the socket, WOOD's exclusive steel I-Beam adds 50% more strength to the danger section where 65% of all handle breaks occur. This added strength attained without sacrifice of resiliency or spring.

I-beam component parts

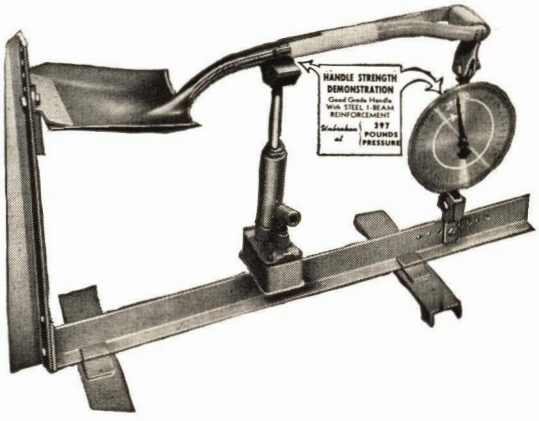
Two steel members (A and B) are laid back to back, forming a complete I-Beam (C)—similar to the structural I-Beam that absorb tremendous strain in skyscrapers. This unit is inserted into a slot in the handle (D), then socket, I-Beam, and handle are firmly riveted together.

Here's positive proof of the tremendously greater strength made possible by the steel I-beam



Comparative strength tests

Special testing machine shown above is used for testing handle strength. As dial shows, a good grade handle, without WOOD'S steel I-beam reinforcement, has broken above the socket when subjected to 245 pounds of lifting pressure.



Shovel in above test has a handle cut from the same dowel as handle tested at left, but equipped with WOOD'S steel I-beam reinforcement. As dial shows, this handle is resisting a lifting pressure of 397 pounds without breaking.

BIG FIST . . . ALLOY GRADE. Big Fist brand shovels and scoops are made to meet the severest conditions of use. Blades are of special analysis alloy steel, providing greatest hardness and toughness. Each blade is precision tempered and individually Brinell tested. Handles are extra quality, XX Grade Northern White Ash, specially selected, thoroughly seasoned, smoothly sanded and fully finished.

STUART BRAND . . . B GRADE. Stuart brand shovels, spades and scoops qualify as a high grade product in the medium price field. Blades are of special analysis high carbon steel . . . heat-treated to provide qualities of hardness and toughness. Handles are of X Grade Northern White Ash, thoroughly seasoned, smoothly sanded and fully finished.

WILSON BRAND . . . SPECIAL C GRADE. Wilson brand shovels and spades are made only in open back construction type. This brand leads the low price field on any basis of comparison. Blades are of high carbon steel—heat-treated. Handles are No. 1 Grade Northern White Ash, thoroughly seasoned, smoothly sanded and fully finished.

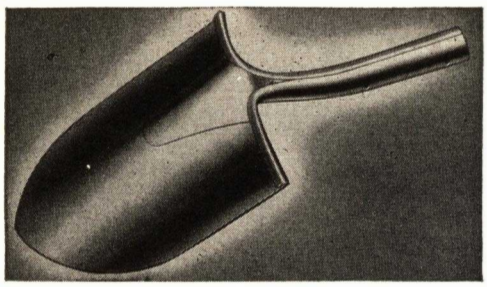
PIQUA BRAND . . . C GRADE. Piqua brand shovels, spades and scoops are made to deliver outstanding service for agricultural and general use. Blades are of high carbon steel—shovels and spades of this grade are heat-treated. Handles are No. 1 Grade Northern White Ash, thoroughly seasoned, smoothly sanded and fully finished.

Wider and more comfortable.
Stronger than ordinary handle.
Never slips, gives, or moves.
Has no rivets to come loose.
Never loosens, splits or checks.

193-1-60

CLOSED BACK D HANDLE SHOVELS

D handle—Closed back shovel with steel I-beam handle reinforcement



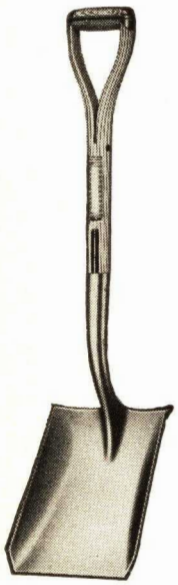
The closed back blade

Combines in one type of socket construction the individual advantages possessed by all other types.

Makes possible heat-treating both blade and socket.

Blade and frog strengthened by steel back-bone plate welded into back of blade.

Back of blade smooth—no open space.



Square point shovels

Big Fist brand—Alloy grade, precision tempered, Brinell tested, selected XX northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
2BF2CB	2	9¾ x 12	63 lbs.
2BF4CB	4	10¼ x 13	69 lbs.

Stuart brand—B grade, high carbon steel, heat treated, X grade northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
2B2CB	2	9¾ x 12	58 lbs.
2B4CB	4	10¼ x 13	63 lbs.

Piqua brand—C Grade, high carbon steel, heat treated, No. 1 grade northern ash handle.

List No.	Size	Size blade	Weight doz.
2C2CB	2	9¾ x 12	57 lbs.
2C4CB	4	10¼ x 13	62 lbs.

Round point shovels

Big Fist brand—Alloy grade, precision tempered, Brinell tested, selected XX northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
3BF2CB	2	9 x 12½	60 lbs.
3BF4CB	4	10 x 13½	66 lbs.

Stuart brand—B grade, high carbon steel, heat treated, X grade northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
3B2CB	2	9 x 12½	59 lbs.
3B4CB	4	10 x 13½	65 lbs.

Piqua brand—C Grade, high carbon steel, heat treated, No. 1 grade northern ash handle.

List No.	Size	Size blade	Weight doz.
3C2CB	2	9 x 12½	54 lbs.
3C4CB	4	10 x 13½	60 lbs.

CLOSED BACK LONG HANDLE SHOVELS

Long handle—Closed back shovel with steel I-beam handle reinforcement

Square point shovels

Big Fist brand—Alloy grade, precision tempered, Brinell tested, selected XX northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
4BF2CB	2	9¾ x 12	67 lbs.
4BF4CB	4	10¼ x 13	73 lbs.

Stuart brand—B grade, high carbon steel, heat treated, X grade northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
4B2CB	2	9¾ x 12	62 lbs.
4B4CB	4	10¼ x 13	68 lbs.

Piqua brand—C Grade, high carbon steel, heat treated, No. 1 grade northern ash handle.

List No.	Size	Size blade	Weight doz.
4C2CB	2	9¾ x 12	60 lbs.
4C4CB	4	10¼ x 13	66 lbs.

Round point shovels

Big Fist brand—Alloy grade, precision tempered, Brinell tested, selected XX northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
5BF2CB	2	9 x 12	59 lbs.
5BF4CB	4	9¾ x 13	65 lbs.

Stuart brand—B grade, high carbon steel, heat treated, X grade northern ash handle with steel I-beam reinforcement.

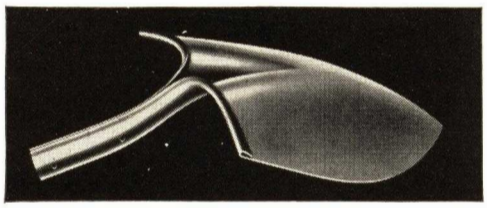
List No.	Size	Size blade	Weight doz.
5B2CB	2	9 x 12	57 lbs.
5B4CB	4	9¾ x 13	63 lbs.

Piqua brand—C Grade, high carbon steel, heat treated, No. 1 grade northern ash handle.

List No.	Size	Size blade	Weight doz.
5C2CB	2	9 x 12	57 lbs.
5C4CB	4	9¾ x 13	63 lbs.

193-2-60

TAPERED SOCKET (OPEN BACK) D HANDLE SHOVELS



Rolled shoulders on blade

Stiffen and strengthen blade.

Provide step or non-cutting edge for worker's shoe to rest on.

Square point shovels

Wilson brand

D handle—Square point tapered socket (open back) shovel with steel I-beam handle reinforcement.

Wilson brand—Competitive grade, high carbon steel, heat treated, No. 1 grade northern ash handle with steel I-beam reinforcement. Rolled shoulders.

List No.	Size	Size blade	Weight doz.
2C2TS	2	9¾ x 12	54 lbs.

Round point shovels

Wilson brand

D handle—Square point tapered socket (open back) shovel with steel I-beam handle reinforcement.

Wilson brand—Competitive grade, high carbon steel, heat treated, No. 1 grade northern ash handle with steel I-beam reinforcement. Rolled shoulders.

List No.	Size	Size blade	Weight doz.
3C2TS	2	9 x 12½	52 lbs.

TAPERED SOCKET (OPEN BACK) LONG HANDLE SHOVELS

Square point shovels

Wilson brand

Long handle—Square point tapered socket (open back) shovel with steel I-beam handle reinforcement.

Wilson brand—Competitive grade, high carbon steel, heat treated, No. 1 grade northern ash handle with steel I-beam reinforcement. Rolled shoulders.

List No.	Size	Size blade	Weight doz.
4C2TS	2	9¾ x 12	58 lbs.

Round point shovels

Wilson brand

Long handle—Round point tapered socket (open back) shovel with steel I-beam handle reinforcement.

Wilson brand—Competitive grade, high carbon steel, heat treated, No. 1 grade northern ash handle with steel I-beam reinforcement. Rolled shoulders.

List No.	Size	Size blade	Weight doz.
5C2TS	4	9 x 12	55 lbs.

193-3-61

D HANDLE SCOOPS AND SHOVELS

All with hollow back and D handle

Ore and concrete hollow back shovels

D handle square point hollow back
concrete and ore shovel

Big Fist brand—Alloy grade, precision tempered, Brinell tested, selected XX northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
OBF4	4	11 x 13	65 lbs.

Stuart brand—B grade, high carbon steel, heat treated, X grade northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
OB4	4	11 x 13	64 lbs.

Eastern pattern hollow back scoops

Eastern pattern scoop, narrow mouth,
hollow back—D handle

Big Fist brand—Alloy grade, precision tempered, Brinell tested, selected XX northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
BF82	2	11 x 14½	64 lbs.
BF84	4	11¾ x 15½	68 lbs.
BF86	6	12¼ x 16¼	73 lbs.

Stuart brand—B grade, high carbon steel, heat treated, X grade northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
B82	2	11 x 14½	63 lbs.
8B4	4	11¾ x 15½	67 lbs.
B86	6	12¼ x 16¼	72 lbs.

Piqua brand—C grade, high carbon steel, No. 1 grade northern ash handle.

List No.	Size	Size blade	Weight doz.
C82	2	11 x 14½	61 lbs.
C84	4	11¾ x 15½	65 lbs.
C86	6	12¼ x 16¼	69 lbs.

Sand and gravel hollow back scoops

D handle round mouth eastern pattern
sand and gravel scoop

Stuart brand—B grade, high carbon steel, heat treated, X grade northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
B82RP	2	11 x 15	58 lbs.

Piqua brand—C grade, high carbon steel, No. 1 grade northern ash handle.

List No.	Size	Size blade	Weight doz.
C82RP	2	11 x 15	57 lbs.

Coal yard scoops

Coal yard scoop, western pattern, wide mouth
with flat edge, D handle, hollow back

Big Fist brand—Alloy grade, precision tempered, Brinell tested, selected XX northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
BF138Z	8	14½ x 17	78 lbs.

Stuart brand—B grade, high carbon steel, heat treated, X grade northern ash handle with steel I-beam reinforcement.

List No.	Size	Size blade	Weight doz.
B138Z	8	14½ x 17	77 lbs.

193-4-60

WOOD WHEELBARROWS

Model 115—Wood frame. Leakproof seamless folded tray.

Model 140—Wood frame. Seamless, cold drawn tray.

Model 103—Wood frame. Square nose tray.

WOOD'S industrial wheelbarrows are "built like a truck" to handle easily under heavy loads, and stay in service. Model 115 has a clear-grain hardwood frame with a straight, flush-type channel nose to stabilize the load when end dumping. Model 116 has a tubular steel frame. Both carry the same leakproof-seamless tray which has double folded corners, with three thicknesses at the fold. Tray edges are rolled over reinforcing rod. The U-channel legs are braced horizontally and diagonally, and won't weave or yield under any load a man can handle.

The trays for Models 140 and 141 are seamless cold drawn 16 gauge steel. Tray edges are rolled over reinforcing rod, and the front is braced with steel bar-stock. The tray is smooth inside. Has no projections to catch the trowel or collect material, and it is easy to keep clean.

Large capacity heavy-duty industrial barrow with 14 gauge seamless deep drawn tray. A popular barrow with railroads, indutrial plants, the utilities, etc.

Model 116—Tubular frame. Leakproof seamless folded tray.

Model 141—Tubular frame. Seamless, cold drawn tray.

Model 110—Tubular frame. Square nose tray.

Specifications

Model	Wheel description*	Wheel number	Capacity Struck cu. ft.	Capacity Heaped cu. ft.	Tray number	Gauge	Overall length	Overall width	Overall height	Approx. Net weight
115-27-2	pneumatic, 2-ply	23A009	4	6	134-16	16	61½	24¼	29	69
115-27-4	pneumatic, 4-ply	23A010	4	6	134-16	16	61½	24¼	29	70
116-27-2	pneumatic, 2-ply	23A009	4	6	134-16	16	61½	24¼	29	67
116-27-4	pneumatic, 4-ply	23A010	4	6	134-16	16	61½	24¼	29	68
140-27-2	pneumatic, 2-ply	23A009	3	4	135-14	16	61½	27¾	26½	64
140-27-4	pneumatic, 4-ply	23A010	3	4	135-14	16	61½	27¾	26½	65
141-27-2	pneumatic, 2-ply	23A009	3	4	135-14	16	61½	27¾	26	62
141-27-4	pneumatic, 4-ply	23A010	3	4	135-14	16	61½	27¾	26	63
103-27-2	pneumatic, 2-ply	23A009	4	6	133-14	14	61½	33	27	71
103-27-4	pneumatic, 4-ply	23A010	4	6	133-14	14	61½	33	27	72
110-27-2	pneumatic, 2-ply	23A009	4	6	133-14	14	61½	33	27	69
110-27-4	pneumatic, 4-ply	23A010	4	6	133-14	14	61½	33	27	70

* All wheels are ball bearing.

Steel wheels and semi-pneumatic tire wheels available on request

Brick or tile
Model 142

Tray made of selected hardwood, vertical wood spacer strips on front allow space for tongs when loading and unloading.

Specifications

Model	Wheel description*	Wheel number	Overall length	Overall width	Overall height	Approx. net weight
142-27-2	pneumatic, 2-ply	23A009	61½	24	28	64
142-27-4	pneumatic, 4-ply	23A010	61½	24	28	66

* All wheels are ball bearing.

193-5-60

WOOD MORTAR PANS AND BOXES

MP 12 Pan

The Wood's model MP 12, mortar pan is cold drawn, with rod reinforced rolled edge. Leakproof. Has no seams to catch trowel. Nests for storage and transfer.

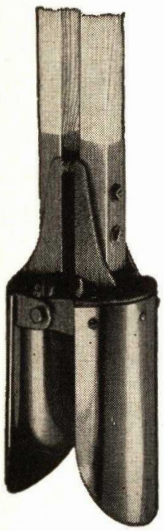
MB 14 Box

Nesting mortar boxes have rounded corners all around. Won't catch tools or material. Seams are lapped and welded. Edges flanged out and down, with welded, pressed-steel corners.

Specifications

Number	Gauge steel	Length top	Length bottom	Width top	Width bottom	Vertical depth	Length slant	Weight each, in pounds	Capacity cubic feet
MP-12	16	29	16	29	16	7	9	30	2½
MB-14	16	65	40	35	28	11	16	68	9¾
MB-16	14	84	59	41	34	11	16	120	16

WOOD POST HOLE DIGGERS



Hercules

Catalog number	Handle	Weight per dozen
H-4	4′	120 lbs.
H-7	7′	155 lbs.
H-8	8′	160 lbs.

Malleable steel frame, blade 6 inches by 9 inches high carbon steel. Selected hardwood handles.

Replacement—

Handle	4′	7′	8′
No.	HIA-4	HIA-7	HIA-8

Invincible

Catalog number	Handle	Weight per dozen
I-4	4′	100 lbs.
I-7	7′	130 lbs.
I-8	8′	140 lbs.

One-piece high carbon steel construction. Four point center hinge. Selected hardwood handles.

Replacement—

Handle	4′	7′	8′
No.	HIA-4	HIA-7	HIA-8

Wood genuine IWAN earth auger

13 gauge high carbon steel replaceable blades. ½-inch pipe upright on 2-inch auger. ¾-inch pipe upright on 3 inches to 10 inches included. 1-inch size on 12 inches to 16 inches.

Complete augers

Catalog number	Length	Weight per dozen	Replaceable handle
IA- 2″	3¾′	66 lbs.	22″ crossbar
IA- 3″	4′	78 lbs.	22″ crossbar
IA- 4″	4′	84 lbs.	22″ crossbar
IA- 5″	4′	90 lbs.	22″ crossbar
IA- 6″	4′	102 lbs.	22″ crossbar
IA- 7″	4′	106 lbs.	22″ crossbar
IA- 8″	4′	108 lbs.	22″ crossbar
IA- 9″	4′	114 lbs.	22″ crossbar
IA-10″	4′	132 lbs.	22″ crossbar
IA-12″	5½′	264 lbs.	34″ crossbar
IA-14″	5½′	300 lbs.	34″ crossbar
IA-16″	5½′	336 lbs.	34″ crossbar

Adjustable auger

Catalog number	Length	Weight per dozen
4- 8	4′	108 lbs.
8-15	4′	168 lbs.

13 gauge high carbon steel replaceable blade.

193-6-60

HOOKS, FORKS AND CLEANERS

Four tine heavy spading forks

Heavy angular back tines—11 inches long. JET-LITE Brand—Polished tines.

Number	Handle	Weight dozen	Repair handle number
HPS	30" Split D	56 lbs.	8131
HPL	4'	56 lbs.	8141

½ dozen bundles

Regular four tine manure forks

13-inch Oval tines. Approximate width at points, 10 inches. JET-LITE Brand—Polished tines.

Number	Handle	Weight dozen	Repair handle number
144	4'	41 lbs.	8114
144½	4½'	43 lbs.	8117
144DS	32"D	40 lbs.	8137

½ dozen bundles

Regular five tine manure forks

13-inch Oval tines—Bent handles. Approximate width at points, 10 inches. JET-LITE Brand—Polished tines.

Number	Handle	Weight dozen	Repair handle number
154	4'	43 lbs.	8114
154½	4½'	45 lbs.	8117
154DS	32"D	42 lbs.	8137

½ dozen bundles

Regular six tine manure forks

13-inch Oval tines—Bent handles. Approximate width at points, 10 inches. JET-LITE Brand—Polished tines.

Number	Handle	Weight dozen	Repair handle number
164	4'	47 lbs.	8114
164½	4½'	49 lbs.	8117
164DS	32"D	47 lbs.	8137

½ dozen bundles

Steel manure hooks

9-inch Oval tines. Approximate width at points, 9 inches. JET-LITE Brand.

Number	Tines	Handle	Weight dozen	Repair handle number
MH4	4 tines	5'	39 lbs.	9137

½ dozen bundles

Stone hook

Diamond back tines—5 foot handles. 9-inch tines—Approximate width at points, 7½ inches. JET-LITE Brand.

Number	Tines	Weight dozen	Repair handle number
P4DH	4 tines	59 lbs.	9164

½ dozen bundles

Heavy manure or street fork

Tumbled oval tines—30-inch D handle. Approximate width at points, 11½ inches. JET-LITE Brand.

Number	Tines	Weight dozen	Repair handle number
HM4D	4 - 15"	54 lbs.	8131

Tumbled diamond tines—30-inch D handle. Approximate width at points, 11 inches. GEYER BRAND.

HM5D	5 - 14"	64 lbs.	8131

¼ dozen bundles

Open back long handle sidewalk cleaner

Number	Blade	Weight per dozen
E07	7" x 5⅜"	30 lbs.

Tied 6 to bundle.

193-7-60

RAKES, HOES AND BRUMES

Round bow steel garden rakes

15 Curved teeth—5-foot handles. Thickness of head, ¼-inch—Depth of head, 3¼ inches. JET-LITE Brand.

Number	Width	Weight dozen	Repair handle number
15	15"	39 lbs.	9114

½ dozen bundles

Steel asphalt or tar rakes

14 Teeth—5-foot handles. 18-inch Square forged drop shanks. JET-LITE Brand. Light pattern—3⅞-inch teeth.

Number	Width	Weight dozen	Repair handle number
L14A	15½"	71 lbs.	7121S
Heavy pattern—4⅛-inch teeth.			
H14A	16½"	78 lbs.	7121S

¼ dozen bundles

Heavy steel road rakes

Forged head—5½-inch handles. 3⅞-inch straight teeth. JET-LITE Brand.

Number	Teeth	Width	Weight dozen	Repair handle number
R14	14	15¾"	51 lbs.	9181
R16	16	18"	54 lbs.	9181

¼ dozen bundles

Level head steel garden rakes

14 slightly curved teeth—5½-foot handles. Thickness of head, ¼ inch—Depth of head, 3¼ inches. JET-LITE Brand.

Number	Width	Weight dozen	Repair handle number
HL14	15"	34 lbs.	9144

½ dozen bundles

Flat tooth lawn brumes

Spring steel teeth. 19-inch spread—3½-foot handles.

Number	Teeth	Weight dozen	Repair handle number
B22	22	22 lbs.	9183

Repair handle No. 9183
Heads packed ½ dozen in carton.
Handles packed ½ dozen in bundles.

Field and garden hoes

Socket type – 4⅓-foot handles. JET-LITE Brand – Polished blades.

Number	Blade width	Blade depth	Weight dozen	Repair handle number
FGS6¼	6¼"	4¼"	27 lbs.	9124
FGS7	7"	4¼"	29 lbs.	9124

½ dozen bundles

Two hole mortar mixers

Shank type—5½-foot handle. JET-LITE Brand.

Number	Size blade	Weight dozen	Repair handle number
28	10"	45 lbs.	9167
28-9	9"	44 lbs.	9167

¼ dozen bundles

Mortar hoe—Plain blade

Shank type—5½-foot handles. JET-LITE Brand.

Number	Size blade	Weight dozen	Repair handle number
27	10"	46 lbs.	9167
27-9	9"	45 lbs.	9167

¼ dozen bundles

Grub or sprouting eye hoes

1½-inch Round eyes—4½-FOOT HANDLES.

Number	Width	Depth	Weight dozen
GH4½H	4½"	7¾"	40 lbs.

Takes 1¾" butt handle
Heads packed ½ dozen cartons
Handles packed ½ dozen bundles

Repair handle number 9194

193-8-60